

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: To Be Assigned

Examiner: To Be Assigned

In Re PATENT APPLICATION Of:

Applicants :	Yukio SHAKUDA et al.)	INFORMATION DISCLOSURE STATEMENT
Serial No. :	To Be Assigned)	
Filed :	October 10, 2003)	
For :	SEMICONDUCTOR LIGHT EMITTING DEVICE)	
Attorney Ref. :	KAW 104)	

October 10, 2003

Commissioner for Patents
P. O. Box 1450
Alexandria VA 22313-1450

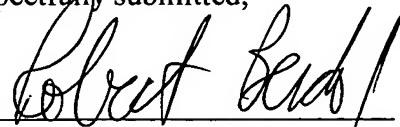
Sir:

This is an information disclosure statement submitted in compliance with the timing requirements of 37 C.F.R. §1.97(b)(1).

Attached is copy of an English-language article. The article is listed on the attached Form PTO-1449. Any relevance of this article can be gleaned from page 3 of the present application, where this article is discussed.

Since this Information Disclosure Statement is being filed with the application, no certification or fee is required, and the requirements of 37 C.F.R. §§1.97 and 1.98 are deemed to be fully met as to the document submitted. Consideration of the submitted document is respectfully requested.

Respectfully submitted,



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October 10, 2003

Date

RHB:tz

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		Atty Docket	Application No.				
		KAW 104	To Be Assigned				
		Applicant Yukio SHAKUDA, Yukio MATSUMOTO and Nobuaki OGURO					
		Filing Date October 10, 2003	Group Unit To Be Assigned				
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Trans-lation
	AK						
	AL						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AM	Gardner et al., 14x efficiency improvement in transparent-substrate $(Al_xGa_{1-x})_{0.5}In_{0.5}P$ light-emitting diodes with thin ($\leq 2000\text{\AA}$) active regions; April 12, 1999; Applied Physics Letters; Volume 74 No. 15; p2230-2232					
	AN						
	AO						
	AP						
Examiner			Date Considered				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							